

AMENDMENTS TO THE CLAIMS

1. (Presently amended) A method for producing core-shell type metallic alloy nanoparticles, comprising:

providing a dispersion of a first metal as nanoparticles in an appropriate organic solvent;

providing a solution of a metallic precursor containing a second metal in an appropriate

organic solvent, in which the second metal has a reduction potential higher than that of the

first metal; and

combining the dispersion and the solution together to carry out the transmetalation reaction of the first and second metals, thereby core-shell type metallic alloy nanoparticles are formed.

2. (Cancelled)

3. (Original) The method according to claim 1, wherein a stabilizer is added to the solution of the metallic precursor containing the second metal.

4. (Original) The method according to claim 3, wherein the stabilizer includes compounds having following structures:



in which R is a straight or branched hydrocarbonate group having 2 to 22 carbon atoms and X is selected from a isocyanate group, sulphonate group, phosphate group, carboxylate group, amine group and thiol group.